

**FORM PTO-1449**  
**INFORMATION DISCLOSURE STATEMENT**

Atty Docket  
31860-139491 (Formerly LUTEC 0008)

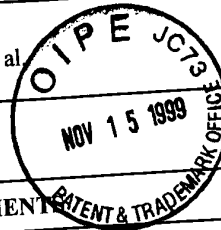
Application No.  
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Applicants  
Allen Paine MILLS, Jr., et al.

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August 6, 1998

Group  
~~455~~ 1631

U.S. PATENT DOCUMENT



Examiner Initial	Document Number	Date	Name	Class	Sub-Class	Filing Date
AA						

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

AM	AC	Alan Dove, "From bits to bases: Computing with DNA," <i>Nature Biotechnology</i> , Vol. 16, Sept. 1998, pp. 830-832.
	AD	Robert Pool, "A Boom in Plans for DNA Computing," <i>Science</i> , Vol. 268, April 28, 1995, pp. 498-499.
	AE	R.J. Lipshutz, et al., "Using Oligonucleotide Probe Arrays ...," <i>Biotechniques</i> , Vol. 19, No. 3, 1995, pp. 442-447.
	AF	Edward L. Sheldon, et al., "Matrix DNA Hybridization," <i>Clinical Chemistry</i> , Vol. 39, No. 4, 1993, pp. 718-719.
	AG	Charles R. Cantor, et al., <i>Biophysical Chemistry</i> , Part III, W.H. Freeman & Co., San Francisco, CA, 1980, pp. 1217, 1226-1234.
	AH	Francisco J. Ayala, et al., <i>Modern Genetics</i> , 2d Ed., Benjamin/Cummings Publishing Co., Menlo Park, CA, 1984, pp. 262-267; Appendix A1-12-A1-14; pp. 672, 687.
	AI	James G. Wetmur, "DNA Probes: Applications of the Principles of Nucleic Acid Hybridization," <i>Critical Reviews in Biochemistry and Molecular Biology</i> , Vol. 26, Nos. 3 & 4, 1991, pp. 227-259.
	AJ	Hans P. Graf, et al., "Analog Electronic Neural Networks ...," <i>Neural Networks, Concepts, Applications, and Implementations</i> , Vol. I, ed. by V. Milutinovic et al., Prentice-Hall, 1991, pp. 155-179.
	AK	D.E. Rumelhart, et al., "Learning Internal Representations by Error Propagation," in <i>Parallel Distributed Processing: Explorations in the Microstructure of Cognition</i> , edited by D.E. Rumelhart et al., MIT Press, Cambridge, MA, 1986, pp. 319-363.
	AL	James Hutchinson, et al., "Computing Motion Using Analog and Binary Resistive Networks," <i>Computer</i> , March 1988, pp. 52-63.
	AM	Ralph Linsker, "Self-Organization in a Perceptual Network," <i>Computer</i> , March 1988, pp. 105-117.
	AN	J. Sambrook et al., <i>Molecular Cloning, A Laboratory Manual</i> , Cold Spring Harbor Lab. Press, Cold Spring Harbor, 1989, pp. 11.2-11.19; 11.45-11.49; 11.52-1.61.
	AO	Radoje Drmanac, et al., "Sequencing of Megabase Plus DNA by Hybridization: Theory of the Method," <i>Genomics</i> , Vol. 4, 1989, pp. 114-128.
	AP	J. Marmur, et al., "Denaturation and Renaturation of Deoxyribonucleic Acid," <i>Progress in Nucleic Acids Research</i> , Vol. 1, 1963, pp. 231-300.
	AQ	Roy J. Britten, et al., "Analysis of Repeating DNA Sequences by Reassociation," <i>Methods In Enzymology</i> , Vol. 29, Part E, 1974, pp. 363-418.
	AR	James G. Wetmur, et al., "Kinetics of Renaturation of DNA," <i>J. Mol. Biol.</i> , Vol. 31, 1968, pp. 31, 349-370.
	AS	Ted Kamins, <i>Polycrystalline Silicon For Integrated Circuit Applications</i> , Kluwer Academic Publishers, Boston, 1988, pp. x-xii, 155-175.
	AT	Kurt Hornik, et al., "Multilayer Feedforward Networks ...," <i>Neural Networks</i> , Vol. 2, 1989, pp. 359-366.

Examiner

*Andin Marschall*

Date Considered  
5-19-00

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.